

ANSH GUPTA

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ABOUT ME

I'm a recent CEPT University graduate with a Bachelor's in Construction Technology, passionate about construction and project management. With hands-on internship experience, I'm eager to expand my skills and pursue new opportunities in the industry. I focus on fostering holistic development and seamless collaboration within teams, aiming for collective success and personal growth.

EXPERIENCE INTERNSHIPS

Sankalan, Hunnarshala; Bhuj.

Intern (01 Month; June 2023 to July 2023).

- Focused on earthquake-resistant construction techniques using earthen materials and traditional technologies.
- Participated in hands-on workshops on mud plastering, lime plaster, and adobe brick making to understand the properties and limitations of these methods.
- Authored a research paper on traditional lime plastering methods, highlighting a commitment to sustainable building practices.

Larsen & Turbo, Mumbai Coastal Road Project, Package 4; Mumbai.

Intern (03 Months; January 2023 to March 2023).

- Calculated and compared project costs, including analysis of precast vs. in-situ structures, enhancing my understanding of cost management.
- Conducted regular site visits, facilitating communication between site execution teams and planning management, and providing updates to track actual vs. planned progress.
- Gained hands-on experience with procurement processes and Tunnel Boring Machine (TBM) construction methodologies, improving practical knowledge in project execution.
- Prepared monthly progress reports, tracking site developments, and presenting findings to both project managers and academic supervisors.

Center of Excellence in Infrastructure, CRDF, Ahmedabad.

Intern (01 Month; June 2022 to July 2022).

- Conducted regular site visits, facilitating communication between site execution teams and consultants, with a focus on parking management at The Leela Gandhinagar.
- Performed comprehensive market research and procurement activities, including obtaining quotations from local vendors, contributing to the project's research process.

TEACHING ASSISTANT EXPERIENCE

Professor Suren Vakil; Contracts and Laws Course

Master's in Urban Management, CEPT University (05 Months; January 2024 to May 2024)

- Managed exams and assignments, organized doubt sessions, and facilitated communication between students and the professor.

Professor Gurmeet Rai; Exploring & Envisioning Permaculture Design Interventions

Village Nawanpind, Punjab (June 1 - June 9, 2024)

- Assisted in course management, conducted lectures, and documented activities on-site.

PROFESSIONAL SKILLS

Project Management, Cost Estimation, Resource Allocation, Risk Assessment, Client Relationship Management, Communication Skills, Public Speaking, Problem Solving, Critical Thinking, Time Management, Teamwork, Leadership, Decision Making, Presentation Skills.

EDUCATION

Bachelor of Construction Technology (2019- 2024)

CEPT University | CGPA – 3.1 / 5.00

CBSE– 12th (2019)

New Digamber Public School | Percentage – 73.6 %

PRIME ACADEMIC PROJECTS

Advancements in Rapid-Deployment Bamboo Shelters ([Portfolio Link](#)) (Jan 2024 – May 2024)

- Directed Research Project focused on creating sustainable, rapid-deployment shelters for emergencies using bamboo as a primary material.
- Designed an innovative, quick-assembly system by integrating advanced computational design with bamboo's structural resilience.
- Tested bamboo materials to develop a scalable prototype, ensuring speed, durability, and sustainability in disaster response shelters.

Designing of Water & Sewage Treatment Plants ([Portfolio Link](#)) (July 2023 – Nov 2023)

- Developed solutions for a 15.21 MLD Water Treatment Plant in Madhya Pradesh and a 50 MLD Sewage Treatment Plant in Gurgaon, focusing on water reclamation and sustainability.
- Conducted site visits, analysed tender documents, and created models using Excel, CPHEEO guidelines, and hydraulic diagrams to enhance understanding of plant operations.

Construction and Demolition Waste Concrete ([Portfolio Link](#)) (July 2022 – Nov2022)

- Developed a sustainable solution for recycling construction waste into eco-friendly concrete.
 - Focused on urban development challenges and minimizing solid waste's impact on land and greenery. Achieved standard compressive strength in the recycled concrete mix.
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ACADEMIC ACHIEVEMENTS

1. **YRE National & International Competition:** Secured first place in the YRE National Single Photograph Reportage and second place in the International YRE (Young Reporters for the Environment) Competition 2023 (Single Photo Campaign category, ages 11-25).
 2. **Debate Competition:** Awarded second prize in the FT, CEPT University Debate Competition.
 3. **Essay Writing Competition:** Received second prize in the Indian Plumbing Association Essay Writing contest at CEPT University.
 4. **Solar Decathlon India:** Finalist in the Construction Worker Housing category as the sole engineer on Team Vikram in this national Net-Zero Building Challenge, responsible for cost calculations and structural design support.
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AREA OF INTEREST

- **Theatre:** Member of the college theatre club "Natakbaazi" for three years, serving as production manager for the play "The Bald Soprano." Additionally, performed in a short film and a hospital advertisement. Involved with Atman Theatre School, performing in three plays.
 - **Football:** Competitively played football since childhood, representing my district and school. Participated in the CEPT Football League and Sympatico. As a player for "H-Block Blues," won the CFL tournament and managed the team in my final year, leading them to the runner-up position.
 - **Photography:** Passionate about architectural and construction photography, merging technical skills with creative expression. Actively showcase a diverse collection of photographs across various platforms.
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SOFTWARE SKILLS

MS Office, AutoCAD, MSP, SketchUp, Rhino, Enscape, Staad Pro, Adobe InDesign, Adobe Premiere Pro, Adobe Photoshop, Google Earth Pro, Climate Consultant, Audacity, Lumion, Revit.
